

CHANGES TO THE SPECIFICATION

AMENDED PARAGRAPH AT PAGE 12, LINE 20 THROUGH PAGE 13, LINE 7:

The control and evaluation unit 26 controls the frequency  $\omega_{\text{mod}}$  and, if appropriate, the stimulation amplitude of the alternating signal produced by the modulator 27, in such a way that the frequencies and strengths of the "significant" third natural modes, as well as their Q factors, are continuously determined. Such factors are utilized by the control and evaluation unit 26 to calculate respective instantaneous bias error. Such calculated errors are supplied to correct gyro bias.